

CLAIMS

WHAT IS CLAIMED IS:

1. A wireless communication unit, comprising:

an interface portion signally connected to a connector of a main device, said

5 connector being dedicated to a recording-medium;

a recording portion performing non-volatile recording;

a wireless communication portion performing wireless communication; and

a control portion transmitting information to be recorded through said wireless
communication portion to an external destination and generating a backup of said
10 information in said recording portion, said information being inputted from said main device
to said control portion through said interface portion.

2. A wireless communication unit, comprising:

an interface portion signally connected to a main device;

a recording portion performing non-volatile recording;

5 a wireless communication portion performing wireless communication; and

a control portion transmitting information through said wireless communication
portion to an external destination and generating a backup of said information in said
recording portion, said information being inputted from said main device to said control
portion through said interface portion.

- 20 3. The wireless communication unit according to Claim 2, further comprising:

a power source state detection portion judging quality of a state a power source of
said wireless communication unit is in,

wherein, when the quality of the state the power source is in is judged to be good in
said power source state detection portion, said control portion transmits said information
25 through said wireless communication portion to the external destination and generates the

backup of said information in said recording portion, and alternatively, when the quality of the state the power source is in is judged not to be good in said power source state detection portion, said control portion does not wirelessly communicate but records said information in said recording portion.

4. The wireless communication unit according to Claim 2, further comprising a mode input portion receiving input of a manipulation by a user of setting an operation mode, wherein

said control portion includes, as operation modes set in said mode input portion:

a "communication & backup mode" for transmitting and backing up said information;

and

a "recording mode" for recording said information without transmitting said information.

5. The wireless communication unit according to Claim 4, wherein

said control portion further includes, as the operation mode set in said mode input portion, a "communication mode" for transmitting said information without performing the non-volatile recording of said information.

6. The wireless communication unit according to Claim 2, wherein

said control portion automatically deletes said backup from said recording portion after transmission of said information in said wireless communication portion is normally terminated, when said control portion generates the backup of said information in said recording portion.

7. A wireless communication unit, comprising:

an interface portion signally connected to a connector of a main device, said connector being dedicated to a recording-medium;

a wireless communication portion performing wireless communication; and

a control portion having a function of acquiring information to be recorded from said main device while imitating a recording operation done on said main device through said interface portion and a function of transmitting said acquired information through said wireless communication portion to an external destination.

5 8. The wireless communication unit according to Claim 7, wherein

said control portion selects said information with predetermined attribute information and transmits said selected information through said wireless communication portion to the external destination.

9. The wireless communication unit according to Claim 8, wherein

10 said attribute information is attribute information implying write protect.

10. The wireless communication unit according to Claim 7, wherein

15 said control portion prohibits power supply from said main device to said wireless communication unit from being stopped by imitating the recording operation done on said main device through said interface, while performing wireless communication with said wireless communication portion.

11. The wireless communication unit according to Claim 7, wherein

an outer shape of said wireless communication unit has compatibility with an outer shape of the recording-medium connected to the connector of said main device, said connector being dedicated to the recording-medium.

20 12. The wireless communication unit according to Claim 7, wherein

said wireless communication unit is constituted by being divided at least into a connection unit and a body unit,

said connection unit including at least said interface portion and having a size and an outer shape allowing said connection unit to be substituted with the recording-medium connected to the connector of said main device, said connector

25

being dedicated to the recording-medium, and

said body unit being signally connected to said connection unit and including at least said wireless communication portion.

13. The wireless communication unit according to Claim 12, wherein:

5 said body unit includes an extension connector connectable to the recording-medium; and

said control portion records said information in the recording-medium connected to said body unit through said extension connector.

23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50